

## Product Information

### Compound Name

Buspirone EP Impurity E

### Synonyms

2-{1-[(4-{4-(pyrimidin-2-yl)piperazin-1-yl}butyl)carbamoyl)methyl]cyclopentyl}acetic acid hydrochloride

### Chemical Name

Buspirone Open-Ring Impurity

### Chemical Formula

C<sub>21</sub>H<sub>33</sub>O<sub>3</sub>N<sub>5</sub>•HCl

### Molecular Weight

439.98

### Catalogue Number

B0024.15

### Lot No.

COB-154-31

### Long-Term Storage Conditions

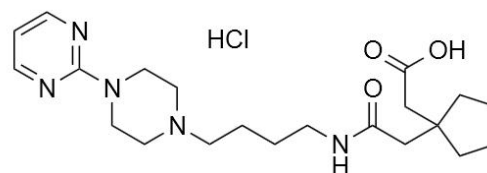
2-8°C

### Shipping Conditions

Ambient

**Test Date:** Oct. 28, 2024

**Re-test Date:** Oct. 27, 2027



**CAS No. :** 257877-46-6

## Analytical Information

### Solubility

CH<sub>3</sub>CN+H<sub>2</sub>O

### Appearance

White Solid

### Method for Determining Identity

MS, <sup>1</sup>H NMR (DMSO-d<sub>6</sub>), IR

### Purity (HPLC)

99.73%

### Assay(qNMR)

96.51%(1,3,5-Trimethoxybenzene as internal standard)

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